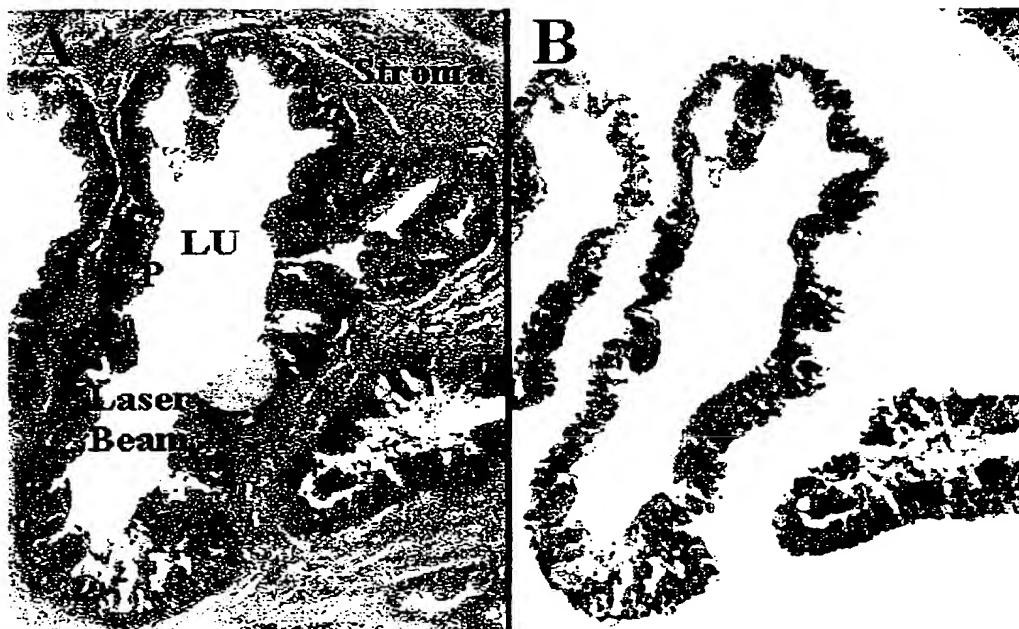


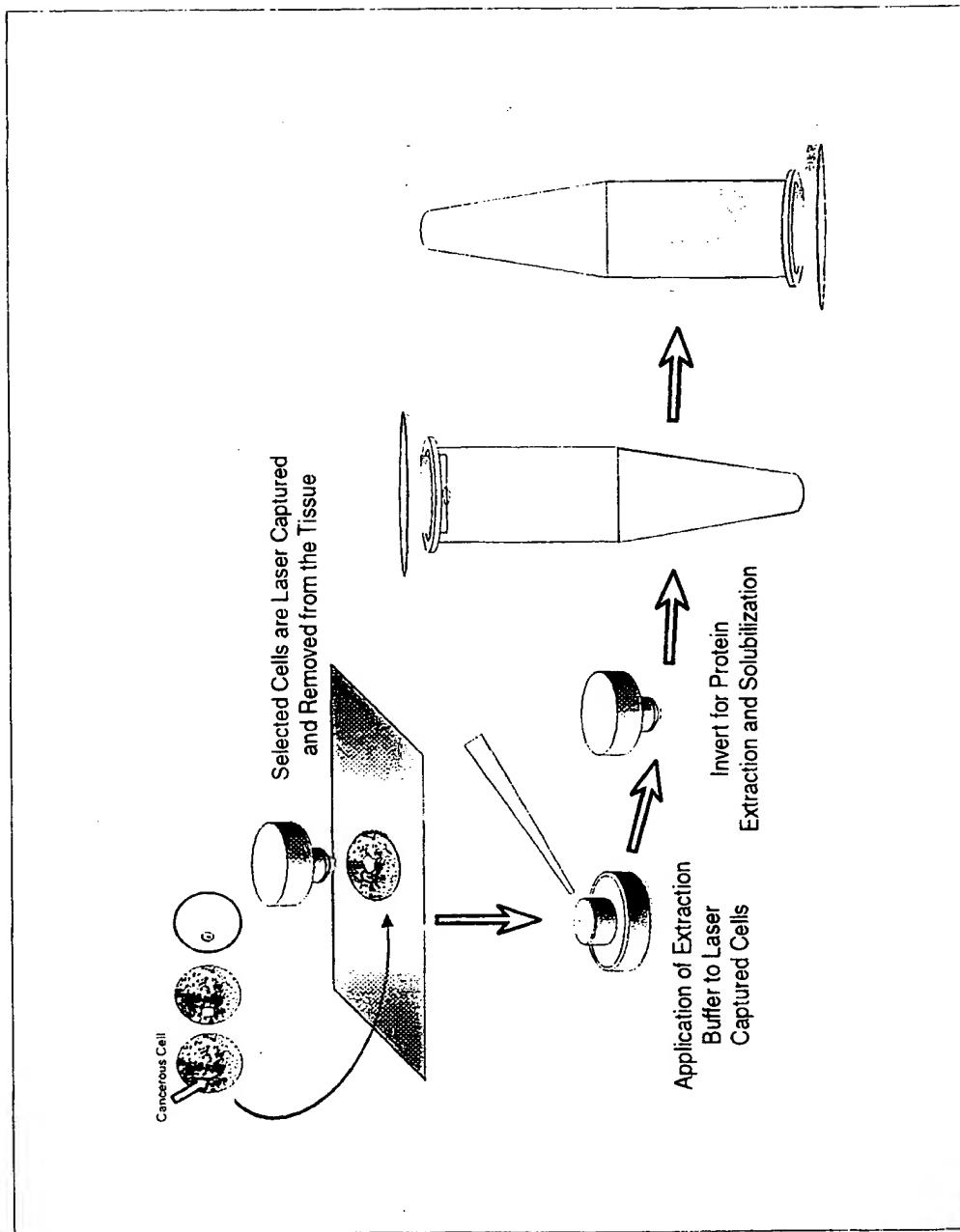
FIG. 1



09913667 032232

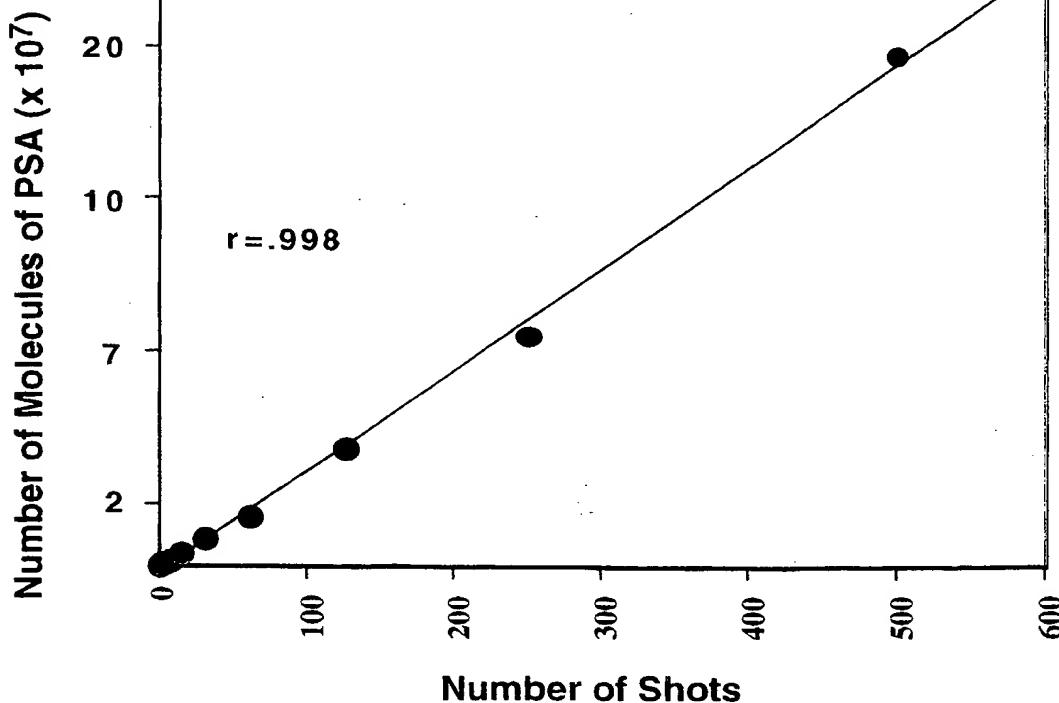
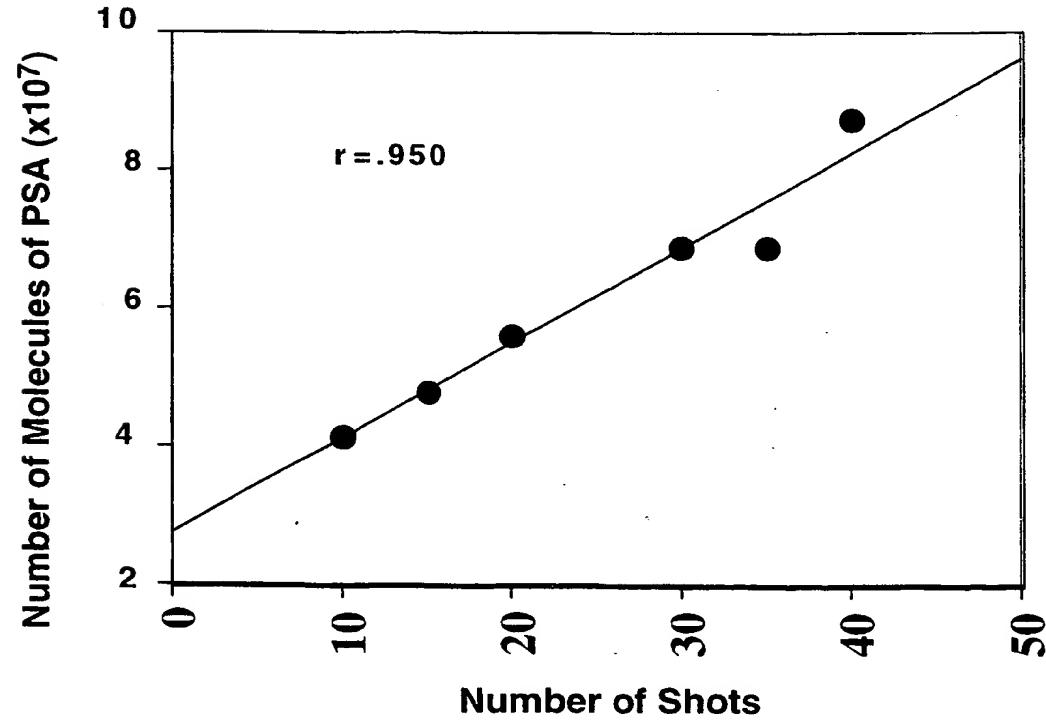
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FIG. 2



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FIG. 3

**A****B**

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FIG. 4

Sample	Mean PSA molecules (RLUs)	C.V.%	Mean no. cells
Prostate Tumor 100 shots (n=10)	$1.2 \times 10^8$ (7,199,673)	3.9 %	721
Prostate Tumor 15 shots (n=10)	$1.9 \times 10^7$ (1,178,202)	15.8 %	78
Prostate Tumor Single Shot (n=19)	$1.8 \times 10^6$ (708,730)	54.7 %	6.3
Buffer Control (n=10)	Negative (88,788)	3.5%	NA
Lung 100 shots (n=10)	Negative (134,413)	6.5%	NA
Prostate Stroma 100 shots (n=6)	Negative (132,759)	5.2%	NA

FIG. 5

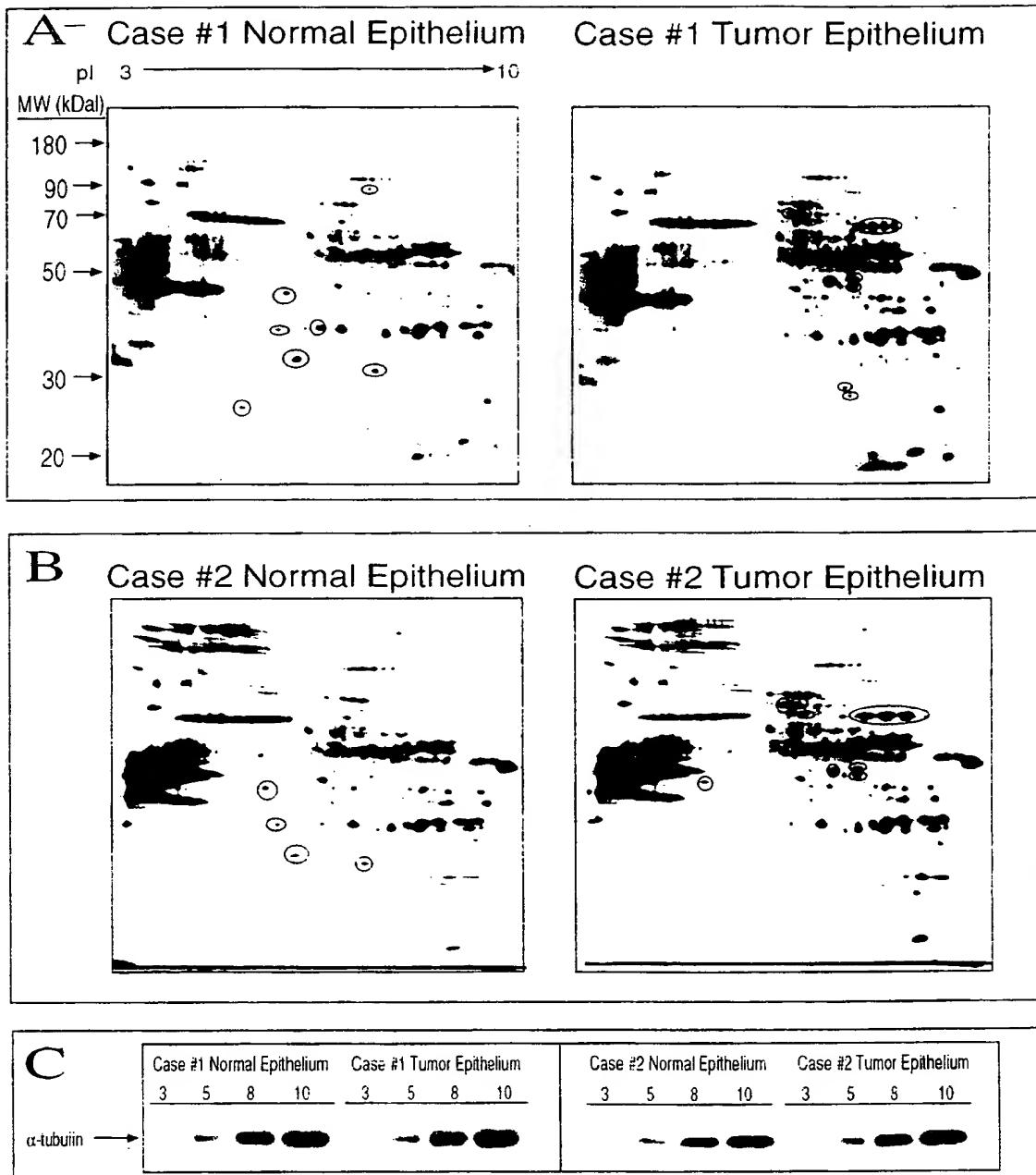
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Case Designation and Histologic Diagnosis	Molecules of PSA/Cell Mean per 100 shots	Immunohistochemistry Score
---	--	----------------------------

Case A Normal	$6.66 \times 10^4$	+
Case B Tumor	$9.52 \times 10^4$	+
Case C Tumor	$1.99 \times 10^4$	+
Case B Normal	$1.04 \times 10^5$	++
Case B PIN	$4.25 \times 10^5$	++
Case C PIN	$3.70 \times 10^5$	++
Case A Tumor	$3.4 \times 10^6$	+++
Case C Normal	$6.3 \times 10^6$	+++

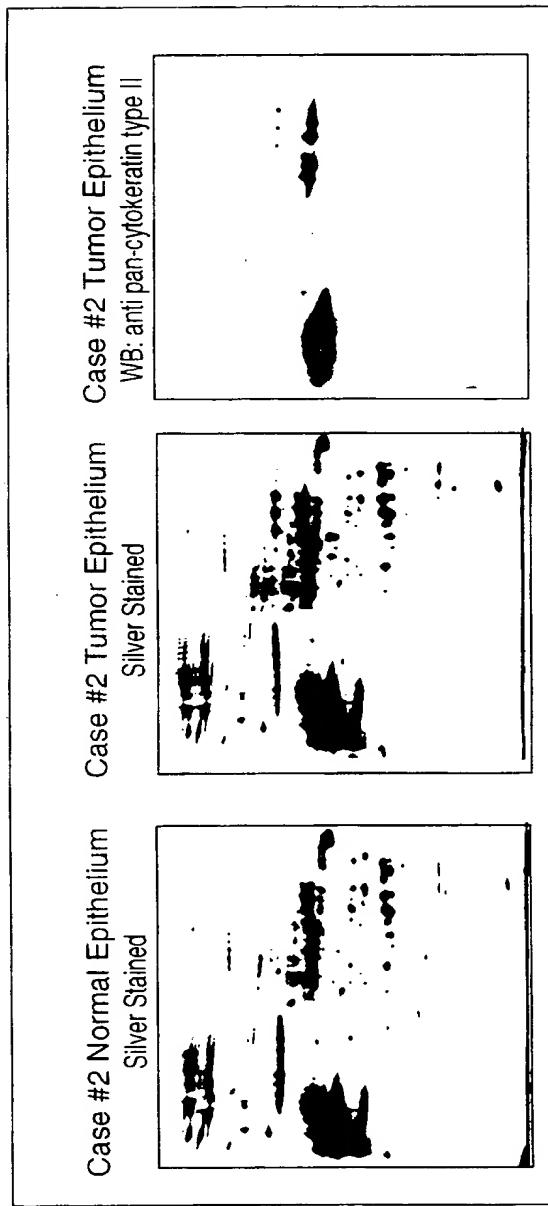
FIG. 6

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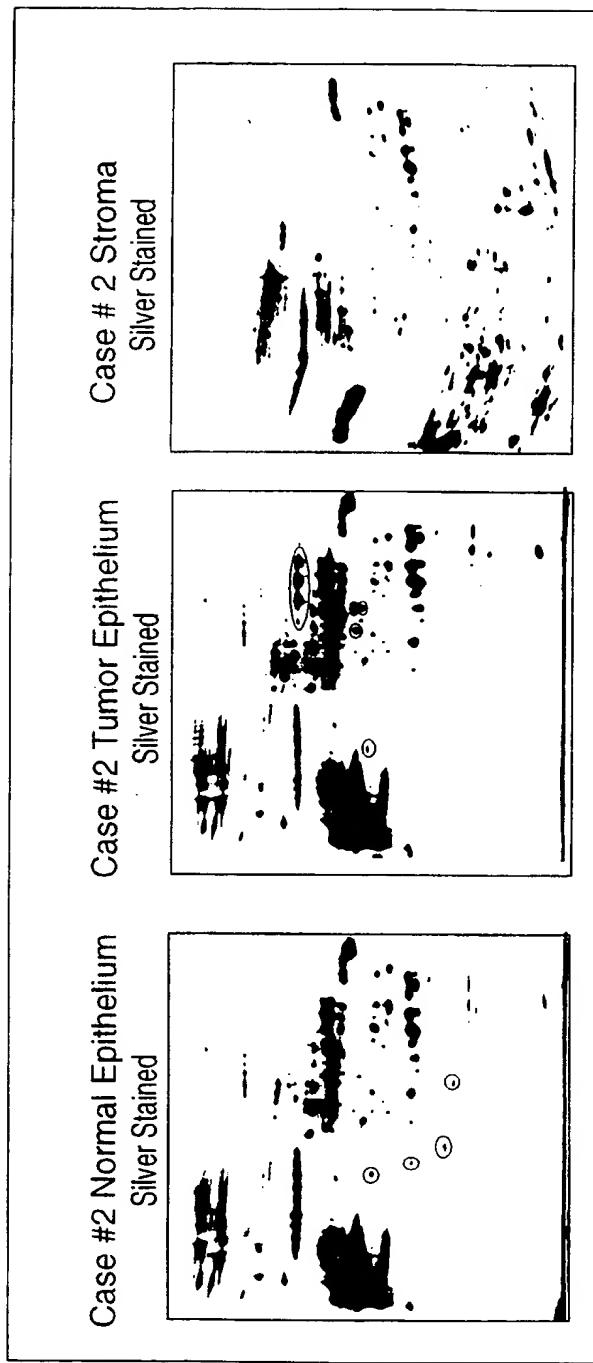
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FIG. 7



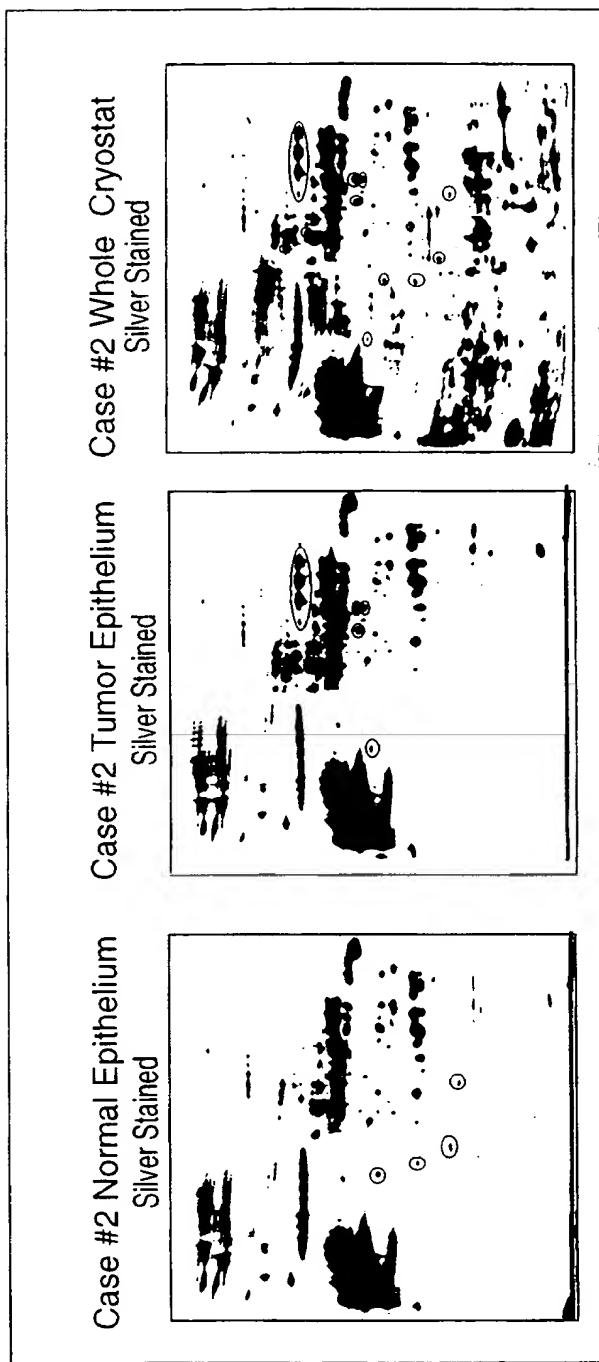
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FIG. 8



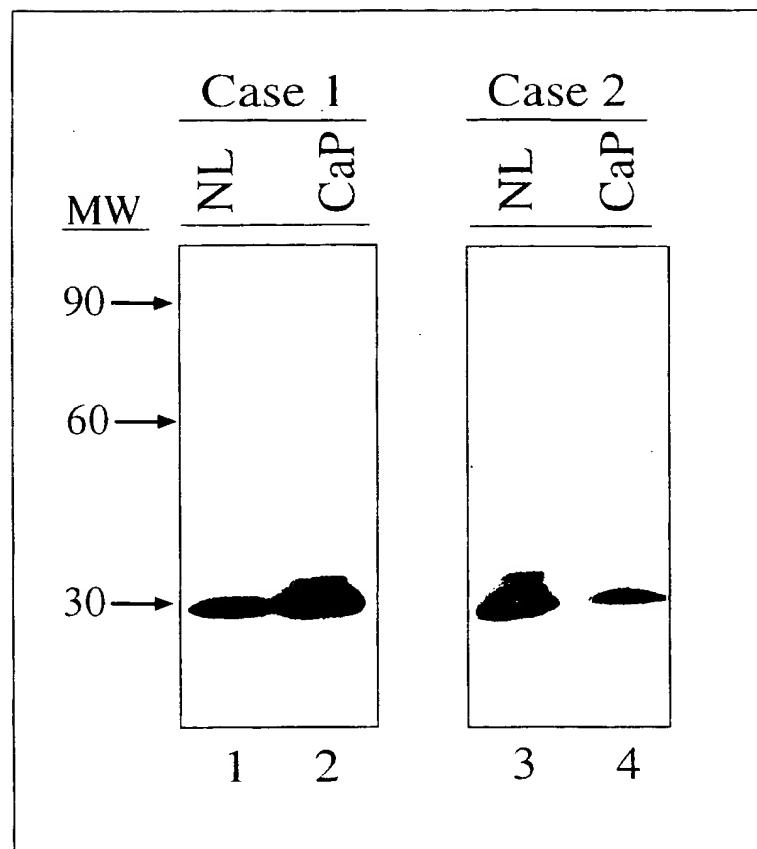
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FIG. 9



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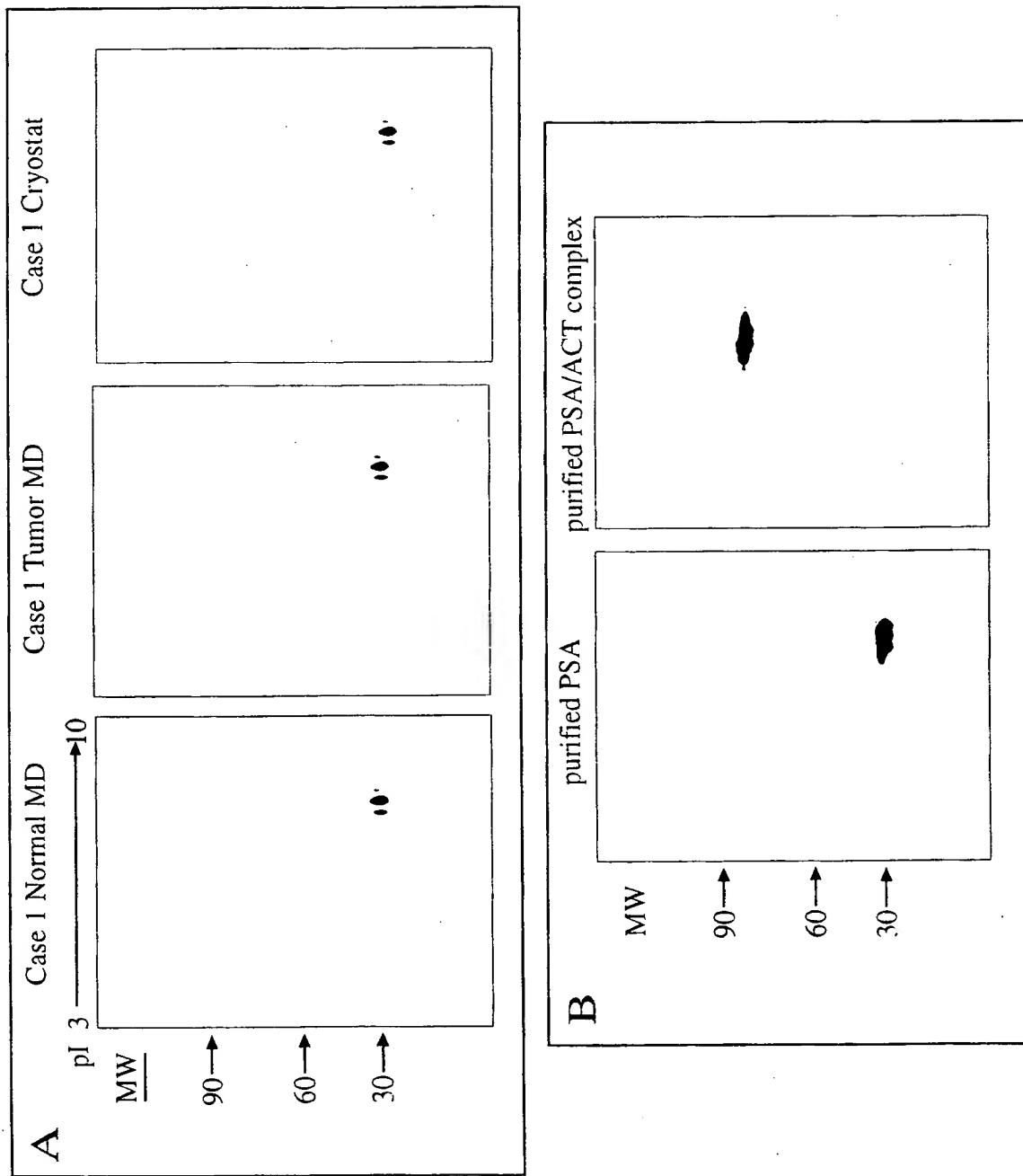
FIG. 10



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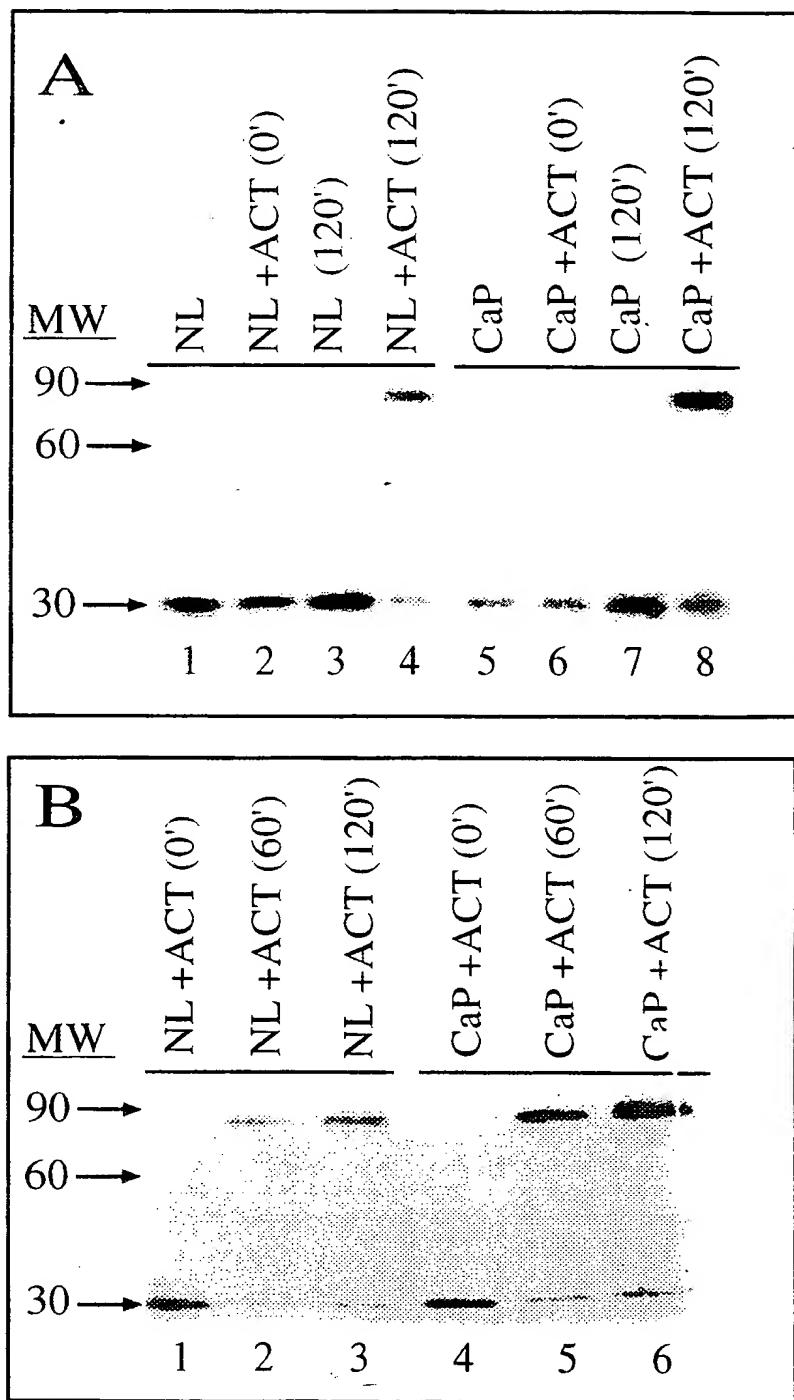
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FIG. 11



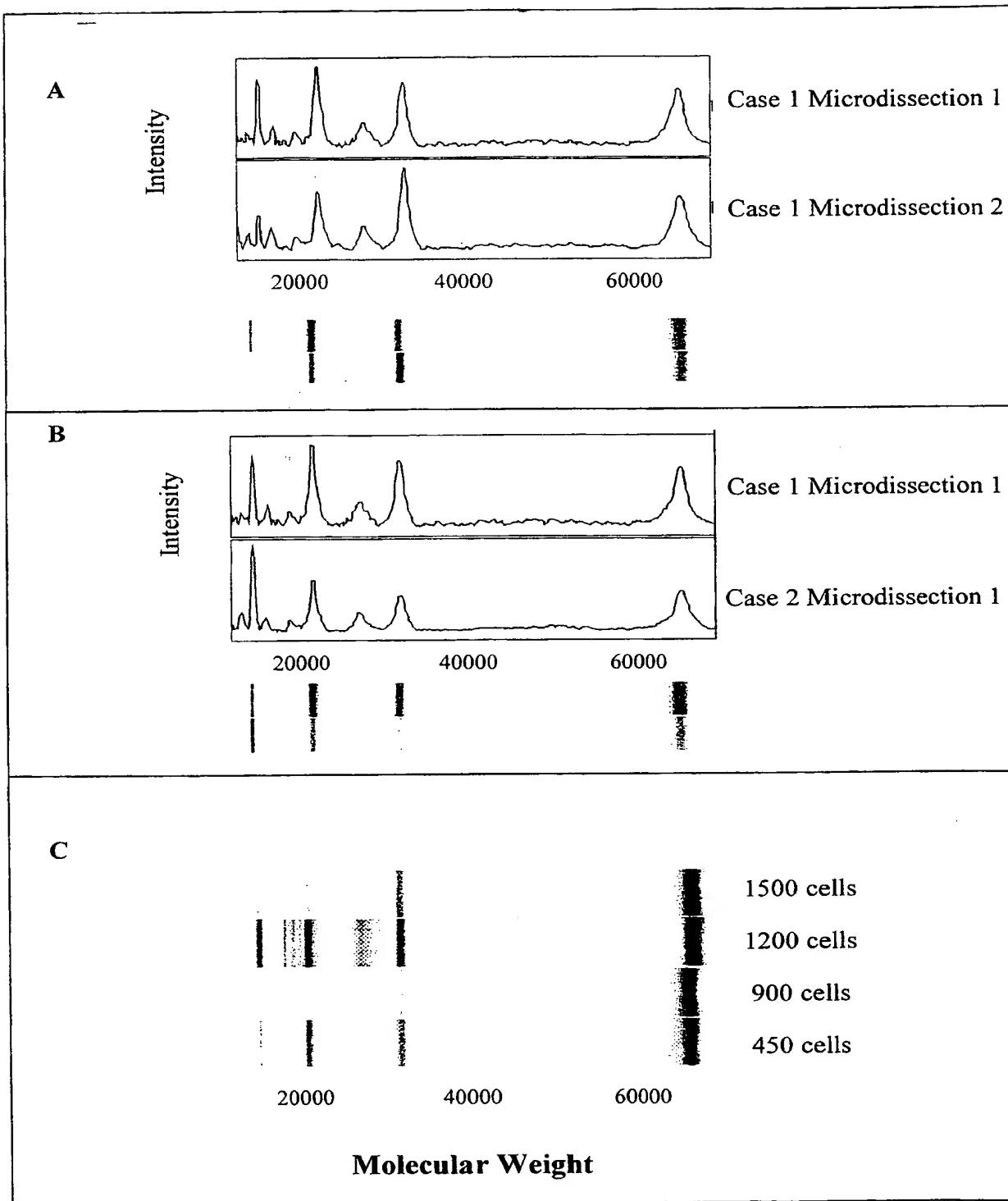
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FIG. 12



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FIG. 13



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FIG. 14

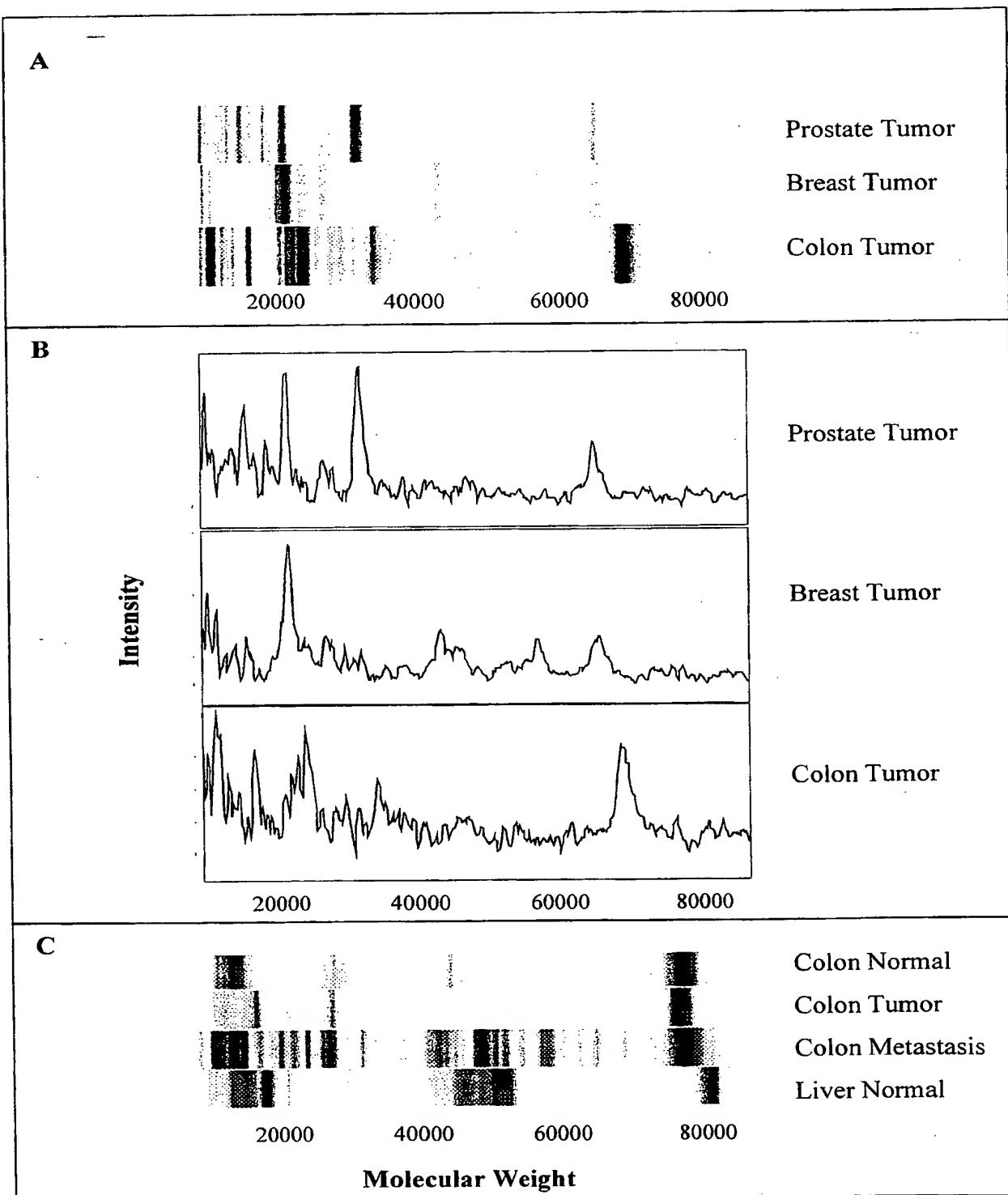
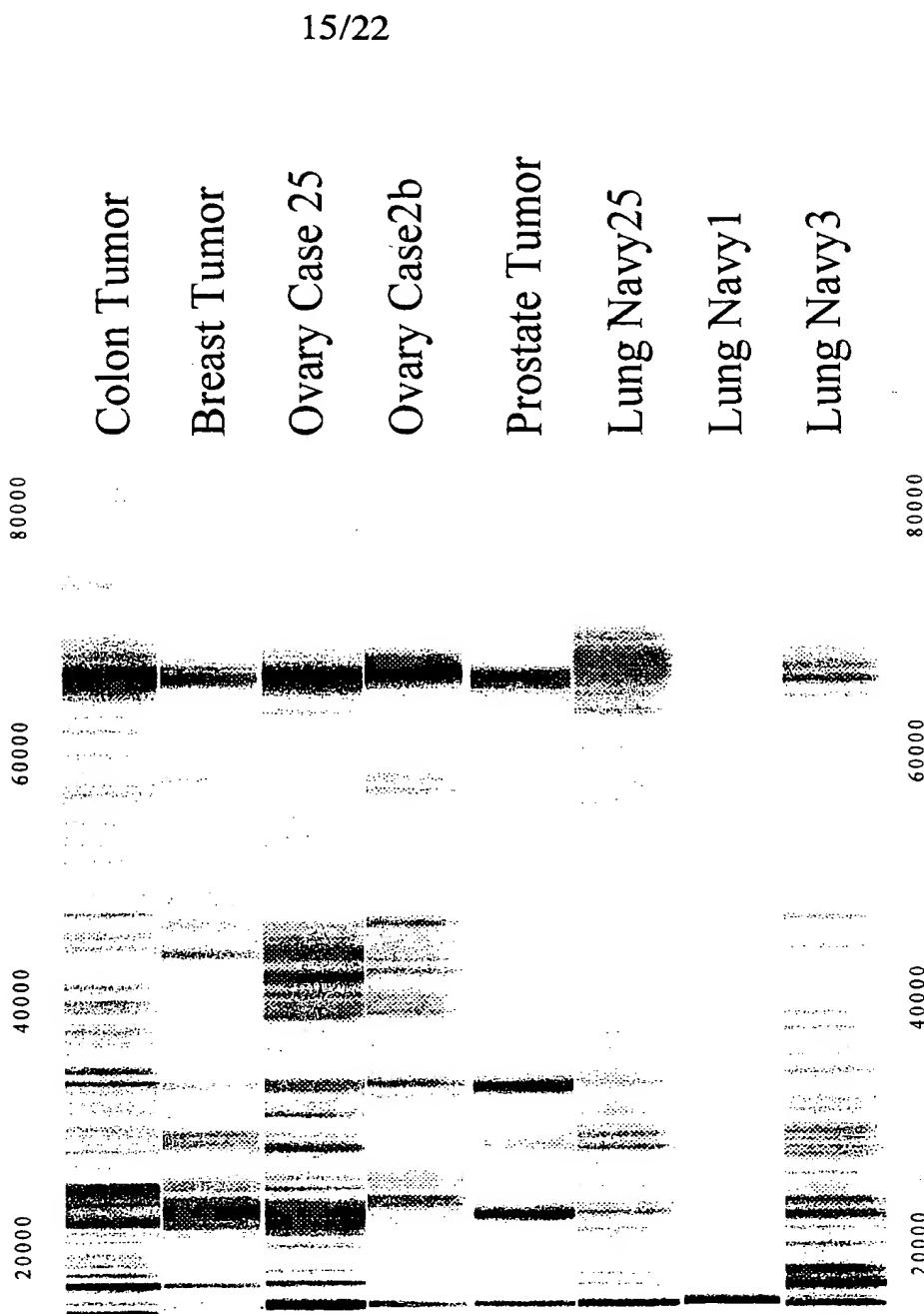
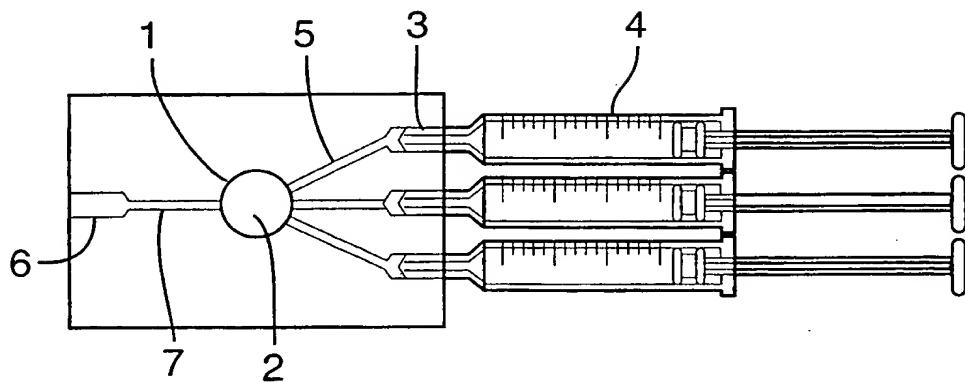


FIG. 15 Fingerprint comparison between a variety of tumor types



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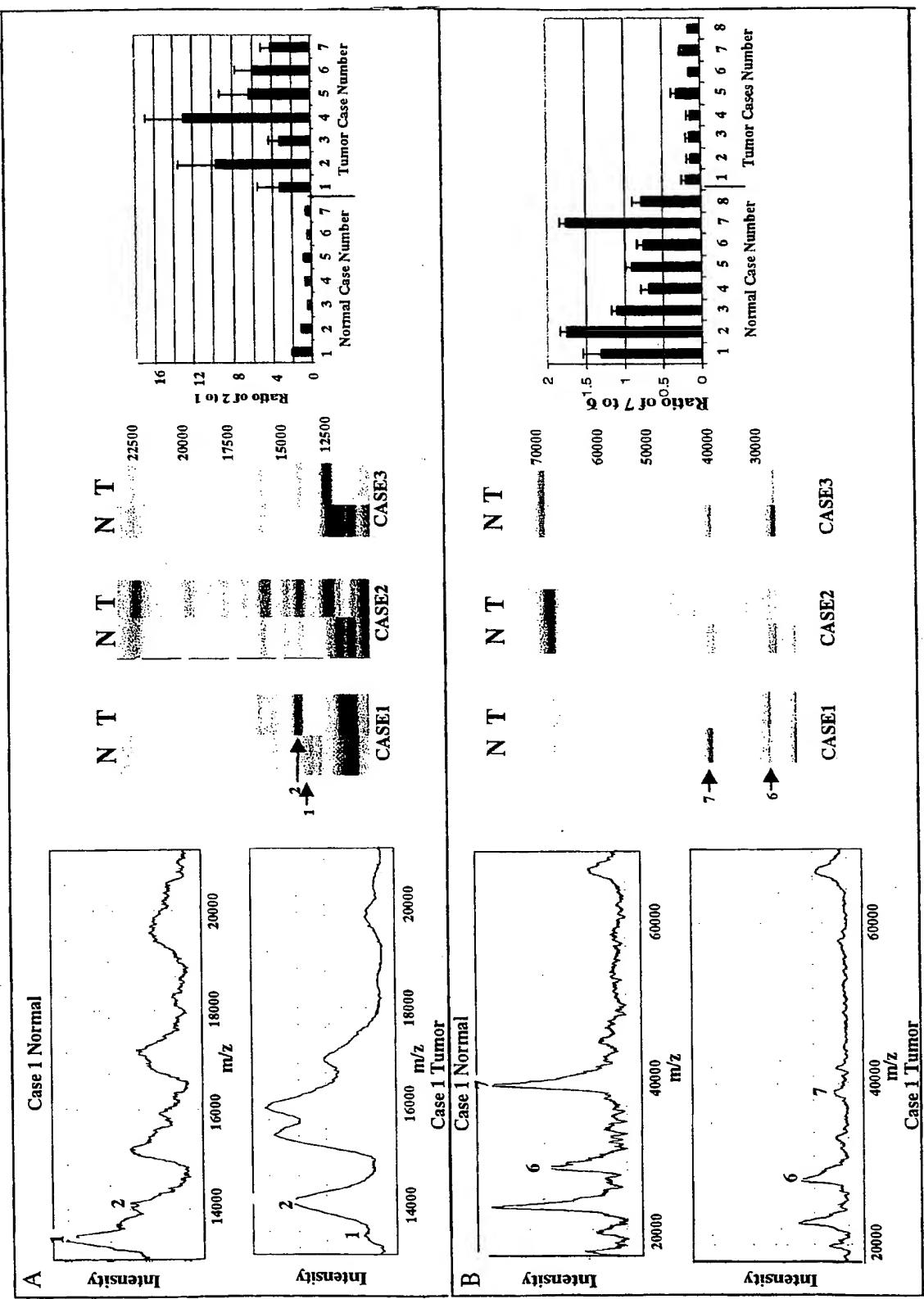
FIG. 16



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FIG. 17



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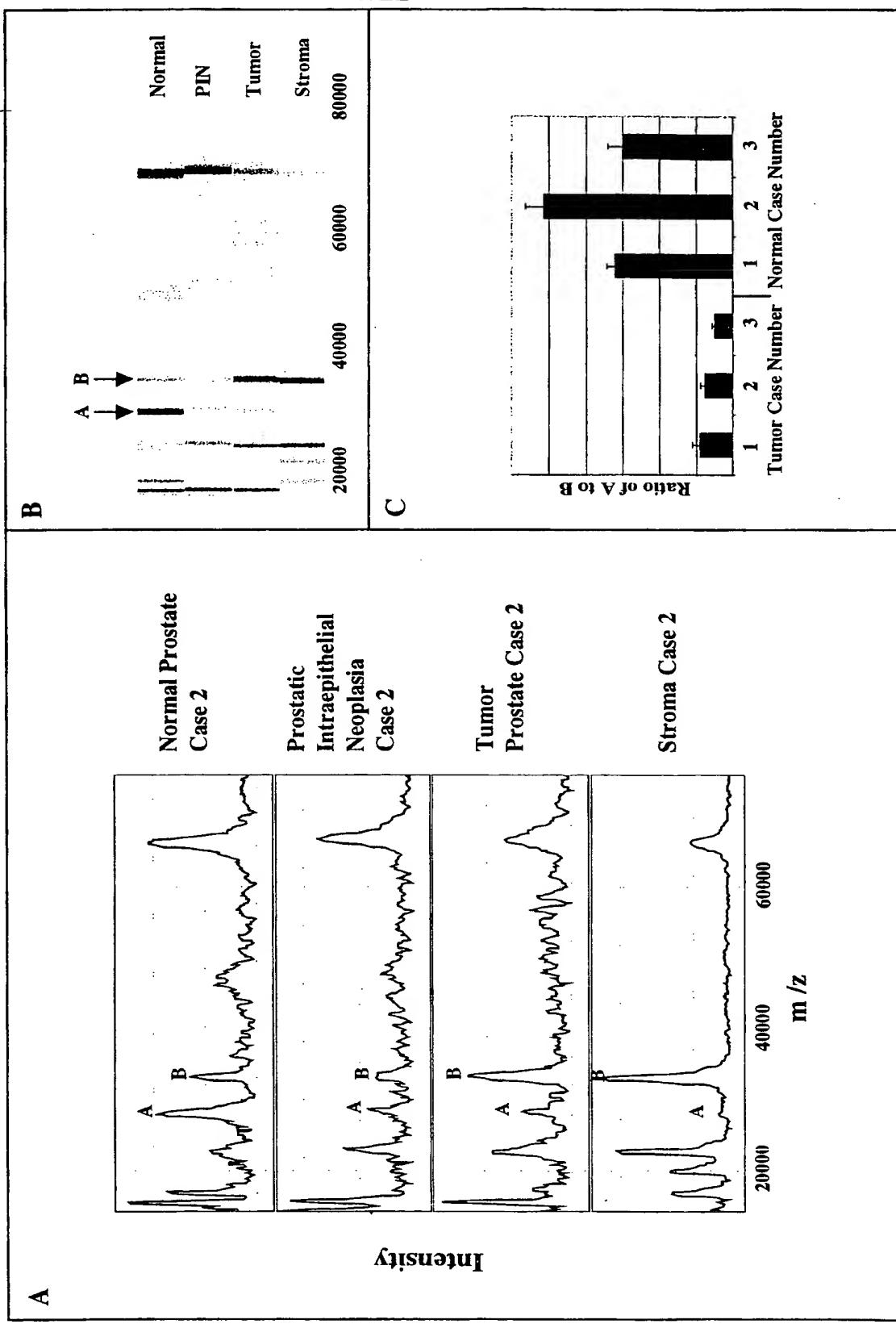
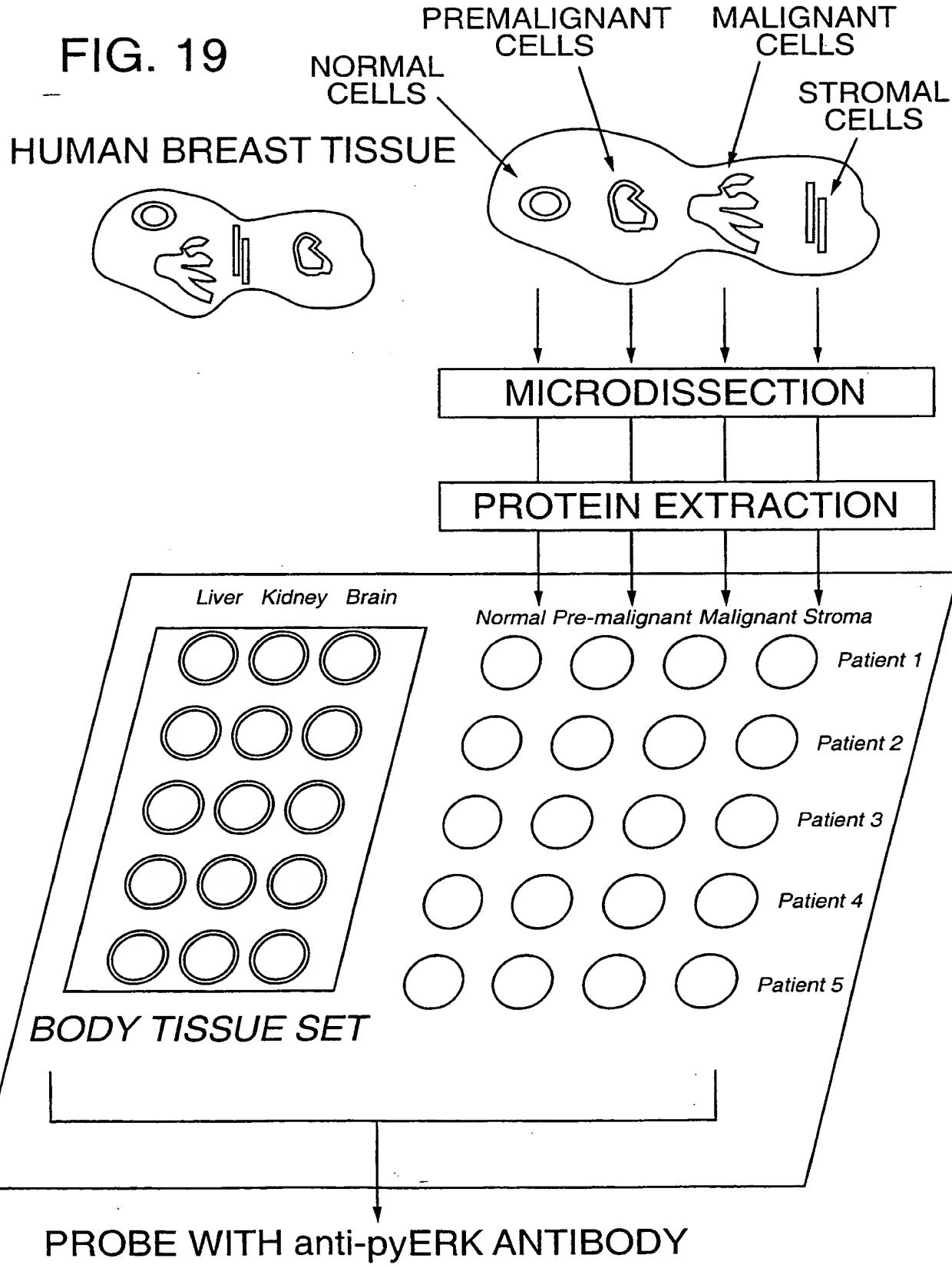


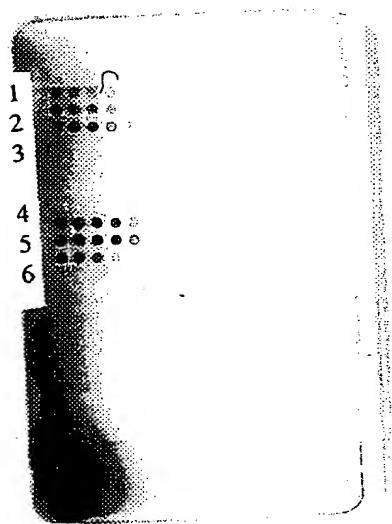
FIG. 18

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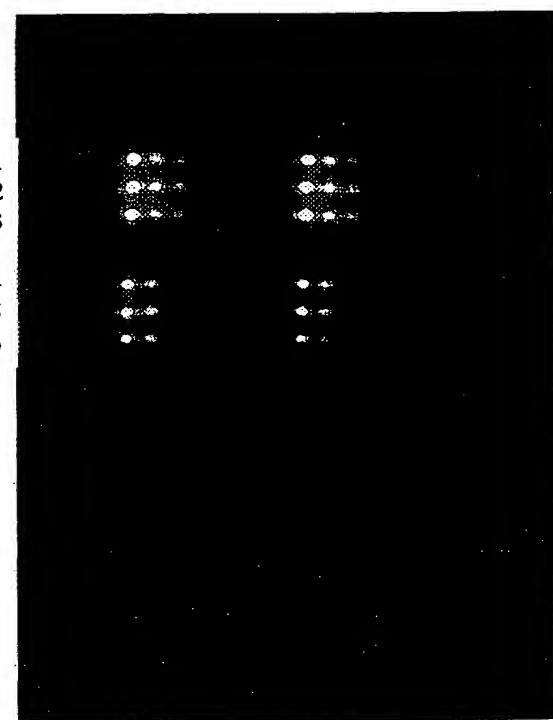
FIG. 19



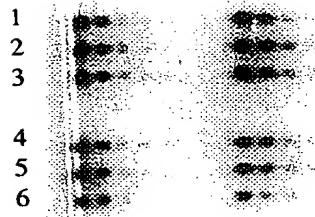
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A



B

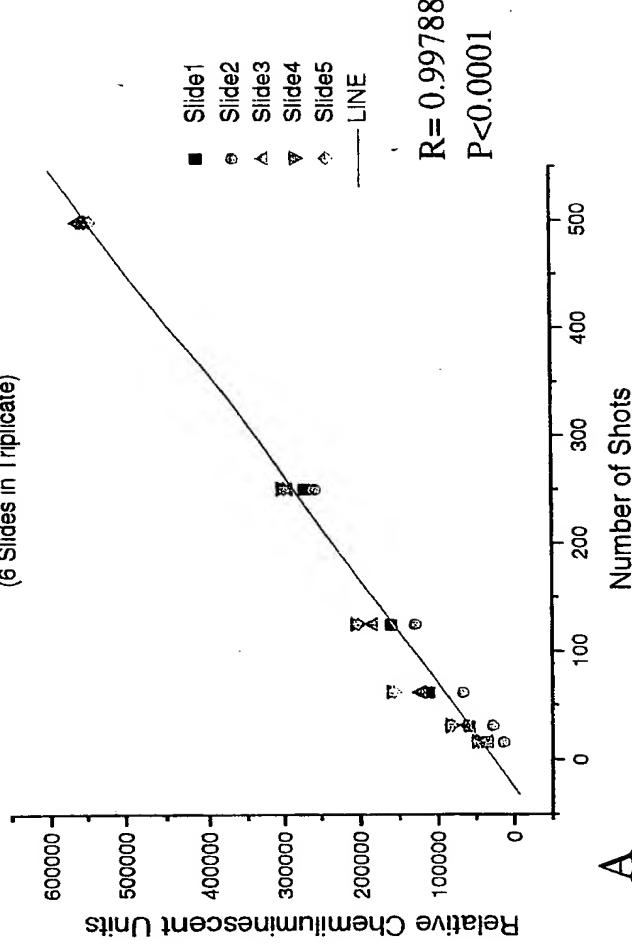


C

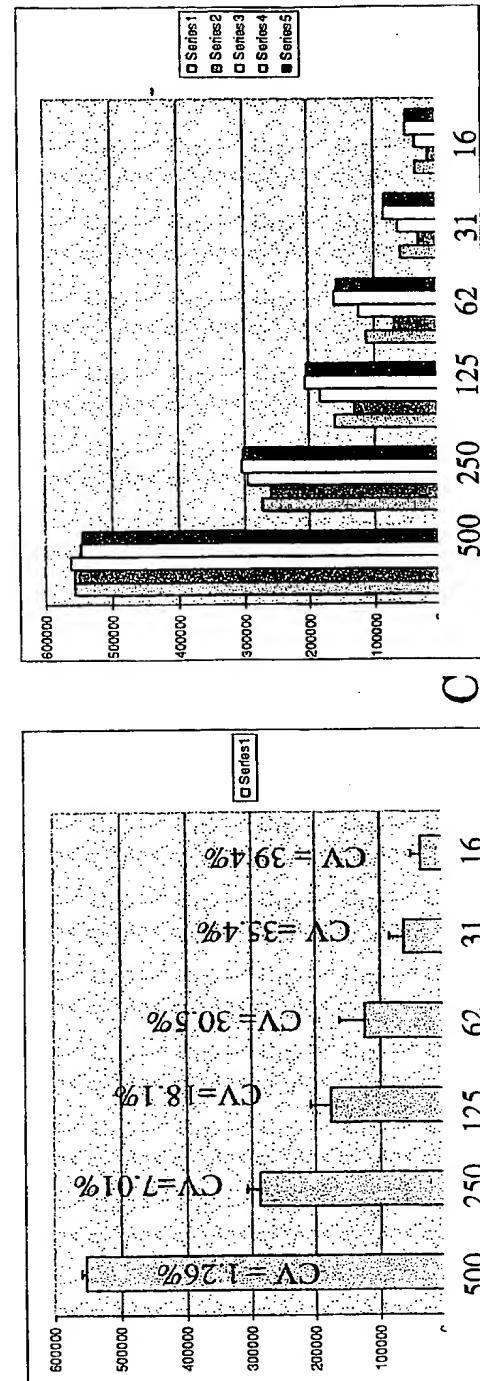
FIG. 20

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FIG. 21



## Coefficient of Variance for Data Sets



$$CV = 1.26\%$$

2

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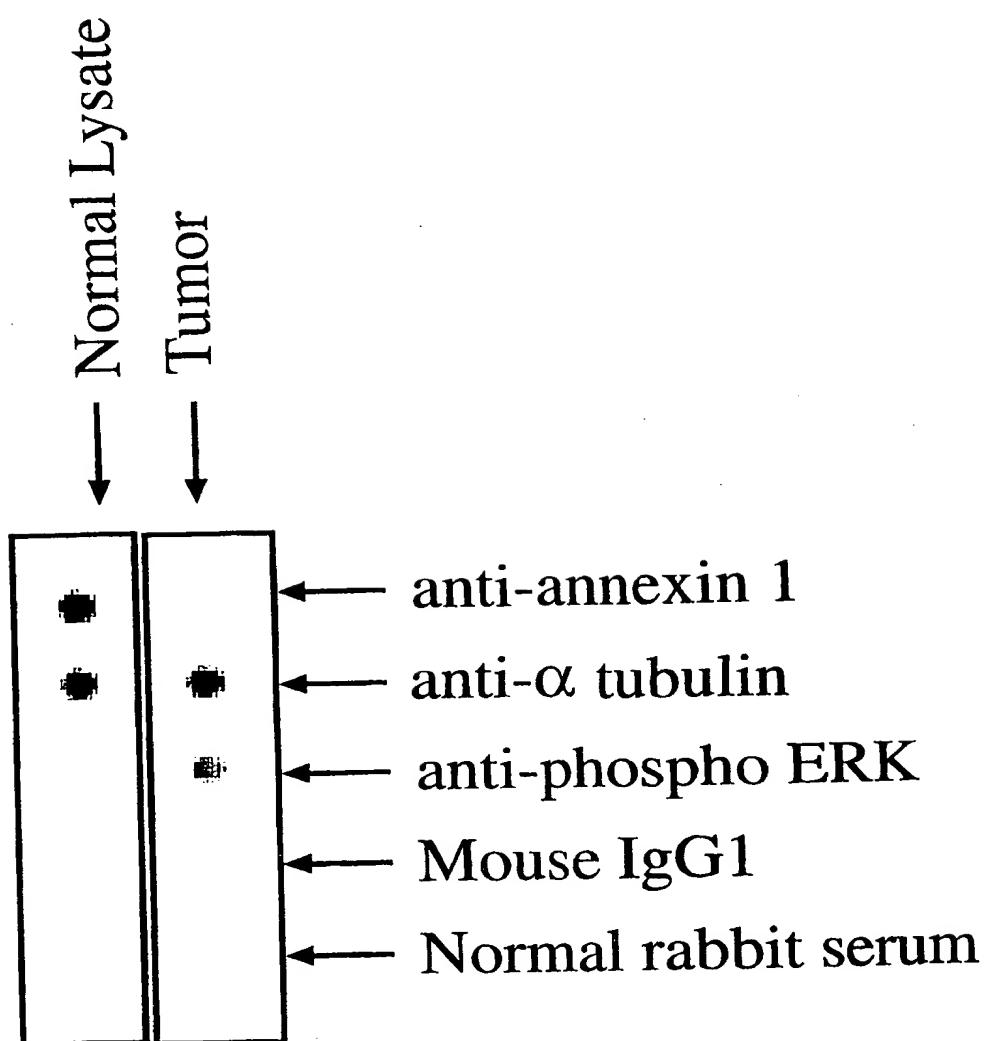


FIG. 22